

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number
WO 2005/058966 A3

(51) International Patent Classification⁷: **C07K 16/28**,
A61K 39/395, G01N 33/53

(21) International Application Number:
PCT/EP2004/011302

(22) International Filing Date: 8 October 2004 (08.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03029464.9 19 December 2003 (19.12.2003) EP

(71) Applicant (for all designated States except US):
CHARITE-UNIVERSITÄTSME- DIZIN BERLIN
[DE/DE]; Schumannstrasse 20/21, 10117 Berlin (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KRENN, Veit**
[DE/DE]; Platenhofer Weg 82, 13503 Berlin (DE).
GÜNTHER, Raphaela [DE/DE]; Schwedter Strasse
229, 10435 Berlin (DE). **SERS, Christine** [DE/DE];
Karmeliterweg 84a, 13465 Berlin (DE).

(74) Agents: **KRAUSS, Jan, B.** et al.; Boehmert & Boehmert,
Pettenkoferstrasse 20-22, 80336 München (DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
1 September 2005

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF LIGANDS OF SPECIFIC ANTIGEN FOR THE DIAGNOSIS AND TREATMENT OF SOLID TUMOURS
AND BONE-RELATED CANCEROUS DISEASES

(57) Abstract: The present invention relates to the use of ligands of specific antigens for the diagnosis and treatment of solid tumours
and bone-related cancerous diseases, and in particular to the use of ligands for CDw52 for the preparation of a medicament for the
treatment of CDw52- expressing solid tumours, such as bone tumours.



WO 2005/058966 A3